BRUHAT BANGALORE MAHANAGARA PALIKE

Name of Work: Improvements to Roads and Drains At Ravindra Nagara Surrounding Area In Ward No.13 Shettyhalli Sub Division.

DASARAHALLI DIVISION

EMB

1st & Final Bill

BRUHATH BANGALORE MAHANAGARAPALIKE

DASARAHALLI ZONE

1ST AND FINAL BILL

Name of work: Improvements to Roads and Drains At Ravindra Nagara Surrounding Area In Ward No.13 Shettyhalli Sub ivision.

ork Order No: EE/DD/W.O/550/2019-20

DB NUMBER:013-20-000073

stimate Cost:84.00 Lakhs

s No:EE/DD/AS/192/2019-20

s No :SE/DZ/TS/02/2019-20

ame of Contractor : M/S KRIDL

em No	Description of Item	No	Length	B1	B2	Avg B	D	Unit	Qty	Rate in Rs	Amount
1	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges complete as per specifications. MORTH / Chapter 3										
	Qty Taken from Pre measurement page Item No. 1, page No.1to 3							**Cum**	**3509.58**	**95.40**	**334813.69**
2	Earthwork excavation by manual means for roads, drains & similar works in ordinary soil involving , excavated surface leveled & sides neatly dressed , the disposed earth to be levelled neatly after breaking of clods complete as per specification MORTH/ Chapter 3.										
	Qty Taken from Pre measurement page Item No. 2, page No.3 to 6							**Cum**	**938.09**	**137.80**	**129268.80**
	Compaction of original ground with maximum of 6 passes of 8 to 10 tonnes power roller including filling in depression occuring during rolling including cost of all labour, HOM of machinery complete as per specifications. MORTH / Chapter 3										
	Qty Taken from Pre measurement page Item No. 3, Page No. 6 to 9							**Cum**	**3975.00**	**6.36**	**25281.00**
	Providing and laying Plain cement concrete of mix 1:3:6 with OPC @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.89cum and fine aggregates @ 0.46cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days including cost of all materials, labour, HOM curing, form works, scaffolding and centering complete as per										
	Qty Taken from Pre measurement page Item No. 4, Page No.10							**Cum**	**70.53**	**5509.33**	**388560.33**
	Providing and laying plain/reinforced cement concrete for side drains using M20 nominal mix concrete with OPC at 300 kgs. with 20mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed, well compacted for walls and bottom including centering, shuttering, cost of materials, HOM of machinery, curing etc., complete excluding cost of steel as per MORTH specification No. 1500, 1700, 2200. including cost of materials, labour, HOM complete as per specificationsdo- Wall & bottom thickness 15cm										
		No's	**L**	**B**	**D1**	**D2**	**Avg D**	**Unit**	**Qty**		
	For RCC Culvert										
	For Bottom raft										
	culvert at 8th cross,Ravindra Nagara										
		1	6.00	1.20	0.20	0.20	0.20		1.44		
	For RCC Wall										
	culvert at 8th cross,Ravindra Nagara										
		2	6.00	0.30	0.60	0.60	0.60		2.16		
							Present Qty	**Cum**	**3.60**	**7189.42**	**25881.91**
	Providing T.M.T steel reinforcement for R.C.C workincluding straightening, cutting, bending, hooking, placing in position,lapping and / or welding wherever required, tying with binding wire andanchoring to the adjoining members wherever necessary complete asper design (laps, hooks and wastage shall not be measured and paid)cost of materials, labour, HOM of machinery complete as perspecifications.Specification No. KBS										
	Qty Taken from Pre measurement page Item No.6, Page No. 10 to 11							**Tonne**	**0.31**	**72326.98**	**22279.60**
	Providing and fixing Precast RCC slab of 250mm thick for Culverts made of Plain/Reinforced Cement Concrete design mix M25 with OPC@340kgs,with 20mm and down size graded granite metal coarse aggregates @0.70cum and fine aggregates@0.47cum,with superplasticizer@3lts confirming to 189103-1999 Reaffirmed-2008,Open Foundation complete as per Drawing and Technical Specification including cost of all materials, labour,HOM curing,form works,scaffolding and centering complete as per specifications and pointing for ljoints 1:3 cement mortar including form work,lift charges,curing and concrete finished surfaces on both sides etc,complete and as per the directions of Engineer in-Charge. (Data Rate)										
	For RCC drain										

Description of Item	No	Length	B1	B2	Avg B	D	Unit	Qty	Rate in Rs	Amount
For Rcc Culvert										
	1	6.00	1.20					7.20		
						Present Qty=	Sqm	7.20	5418.00	39009.60
Cement concrete pavement.Construction of un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base with OPC cement or any other type as per clause 1051.2.2 design mix M20/M30 , with 25mm and down size graded granite metal coarse aggregates and fine aggregtes , with superplastisiser @3lts confirming to IS9103-1999 Reaffirmed-2008 , mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continuous operation including provision of contraction, expansion, construction and longitudinal joints including groove cutting charges, joint filler, separation membrane, selant primer, joint sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specifications. - M20 (at 320Kg per cum coarse aggregate @ 0.69cum and fine aggregate @ 0.46cum)										
For CC Road										
Airforce Compound										
	1	30.00	2.40	0.90	1.65	0.15		7.43		
	1	30.00	0.90	1.40	1.15	0.15		5.18		
	1	30.00	1.40	1.60	1.50	0.15		6.75		
	1	30.00	1.60	1.80	1.70	0.15		7.65		
	1	30.00	1.80	1.80	1.80	0.15		8.10		
	1	30.00	1.80	1.20	1.50	0.15		6.75		
	1	30.00	1.20	0.90	1.05	0.15		4.73		
	1	30.00	0.90	0.80	0.85	0.15		3.83		
	1	30.00	0.80	0.80	0.80	0.15		3.60		
	1	30.00	0.80	0.85	0.83	0.15		3.71		
	1	30.00	0.85	0.50	0.68	0.15		3.04		
	1	30.00	0.50	0.70	0.60	0.15		2.70		
	1	30.00	0.70	0.95	0.83	0.15		3.71		
	1	30.00	0.95	0.40	0.68	0.15		3.04		
	1	30.00	0.40	0.20	0.30	0.15		1.35		
Deduction										
Air Force Compound Road										
Deduction										
Deduct For Electrical Pole	-33	0.20	0.20	0.20	0.20	0.15		-0.20		
Deduct For Chamber	-2	0.50	0.50	0.50	0.50	0.15		-0.08		
Deduct For Electrical Pole Basement	-1	1.70	1.10	1.10	1.10	0.15		-0.28		
Trees Area	-45	(3.142*0.3*0.3)				0.15		-1.91		
						Present Qty=	Cum	69.09	5354.02	369897.24
Providing, laying, spreading and compacting cushed stone aggregates of granite / trap I basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve thedesired density complete as per										
Qty Taken from Pre measurement page Item No.9, Page No.11 to 13							Cum	707.68	2001.28	1416273.59
Providing and applying primer coat with bitumen emulsion on prepared surface of granular base including clearing of road surface and spraying primer at the rate of 0.60 kg I sqm using mechanical means complete as per specifications.										
Qty Taken from Pre measurement page Item No.10, Page No.13 to 16							Sqm	3516.00	33.92	119262.72
Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen										
Qty Taken from Pre measurement page Item No.11, Page No. 16 to 19							Cum	174.47	7428.48	1296079.78

Item No	Description of Item	No	Length	B1	B2	Avg B	D	Unit	Qty	Rate in Rs	Amount
12	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete as per specifications. MORTH specification clause 501										
	For Asphalt Road										
	Air Force Compound Road From										
		1	3.00	7.80	5.70	6.75			20.25		
		1	30.00	5.70	6.20	5.95			178.50		
		1	30.00	6.20	6.00	6.10			183.00		
		1	30.00	6.00	5.90	5.95			178.50		
		1	30.00	5.90	5.10	5.50			165.00		
		1	30.00	5.10	5.60	5.35			160.50		
		1	30.00	5.60	5.70	5.65			169.50		
		1	30.00	5.70	5.10	5.40			162.00		
		1	30.00	5.10	4.60	4.85			145.50		
		1	30.00	4.60	5.00	4.80			144.00		
		1	30.00	5.00	4.00	4.50			135.00		
		1	30.00	4.00	4.60	4.30			129.00		
		1	30.00	4.60	4.10	4.35			130.50		
		1	30.00	4.10	3.55	3.83			114.75		
		1	30.00	3.55	4.70	4.13			123.75		
		1	30.00	4.70	4.00	4.35			130.50		
		1	30.00	4.00	3.70	3.85			115.50		
		1	30.00	3.70	4.10	3.90			117.00		
		1	23.30	4.10	4.20	4.15			96.70		
	4th Cross Ravindra Nagara from Airforce Road										
		1	30.00	5.50	5.40	5.45			163.50		
		1	29.30	5.40	6.70	6.05			177.27		
	2nd Main Road From 4th cross,Ravindra Nagara										
		1	30.00	5.70	6.30	6.00			180.00		
		1	30.00	6.30	6.40	6.35			190.50		
		1	30.00	6.40	6.70	6.55			196.50		
		1	30.00	6.70	6.10	6.40			192.00		
		1	30.00	6.10	6.00	6.05			181.50		
		1	14.70	6.00	4.90	5.45			80.12		
	7th cross, Ravindra Nagara										
		1	4.30	4.20	4.30	4.25			18.28		
		1	18.00	5.05	5.05	5.05			90.90		
		1	30.00	5.05	5.30	5.18			155.25		
		1	23.00	5.30	6.40	5.85			134.55		
		1	30.00	4.70	5.10	4.90			147.00		
		1	28.30	5.10	5.50	5.30			149.99		
	5th Cross From 7th cross										
	RHS Road										
		1	30.00	3.10	3.35	3.23			96.75		
		1	30.00	3.35	4.20	3.78			113.25		
		1	3.80	4.20	4.20	4.20			15.96		
	LHS Road										
		1	30.00	3.40	3.40	3.40			102.00		
		1	30.00	4.20	3.40	3.80			114.00		
		1	30.00	3.40	3.05	3.23			96.75		
		1	3.70	3.05	2.40	2.73			10.08		
	8th cross, Ravindra Nagara										
		1	30.00	6.00	6.00	6.00			180.00		
		1	5.00	6.00	6.00	6.00			30.00		
		1	15.00	6.00	6.00	6.00			90.00		
	5th Main BHEL Mini Colony From Shooting Banglow road										
		1	30.00	5.70	5.10	5.40			162.00		
		1	30.00	5.10	6.50	5.80			174.00		
		1	30.00	6.50	6.60	6.55			196.50		
		1	30.00	6.60	5.20	5.90			177.00		
		1	4.90	6.00	6.00	6.00			29.40		
		1	26.30	5.60	6.80	6.20			163.06		
	BHEL Mini Colony Main Road From 5th Main road										
		1	30.00	7.20	7.40	7.30			219.00		

	-1	7.00	0.30	0.30	0.30			2.10		
	-1	5.00	0.30	0.30	0.30			-1.50		
	-1	2.00	0.30	0.30	0.30			-0.60		
Deduct For Manhole's	-3	(3.142*1*1)/4						-2.36		
BHEL Mini Colony Main Road										
Deduct For Ramp's	-1	3.00	0.30	0.30	0.30			-0.90		
	-1	2.00	0.60	0.60	0.60			-1.20		
	-1	3.00	0.45	0.45	0.45			-1.35		
	-1	10.00	1.00	1.00	1.00			-10.00		
	-1	5.00	0.60	0.60	0.60			-3.00		
	-1	2.00	0.45	0.45	0.45			-0.90		
	-1	5.00	0.30	0.30	0.30			-1.50		
	-1	9.00	0.50	0.50	0.50			-4.50		
	-1	10.00	0.45	0.45	0.45			-4.50		
	-1	3.00	0.45	0.45	0.45			-1.35		
	-1	2.00	0.45	0.45	0.45			-0.90		
Man Hole	-5	(3.142*1*1)/4						-3.93		
Deduct For Chamber	-2	0.90	0.60	0.60	0.60			-1.08		
18th Cross (Old 3rd B Cross Road BHEL Mini Colony)										
	-1	6.00	0.45	0.45	0.45			-2.70		
	-1	3.00	0.30	0.30	0.30			-0.90		
	-1	5.00	0.30	0.30	0.30			-1.50		
	-1	4.00	0.60	0.60	0.60			-2.40		
	-1	2.50	0.30	0.30	0.30			-0.75		
17th Cross,BHEL Mini Colony										
Man Hole	-1	(3.142*1*1)/4						-0.79		
Tree's Area	-1	0.90	0.50	0.50	0.50			-0.45		
	-1	0.70	0.60	0.60	0.60			-0.42		
	-1	1.30	0.50	0.50	0.50			-0.65		
Chamber	-1	0.45	0.45	0.45	0.45			-0.20		
20th Cross,BHEL Mini Colony										
Man Hole	-4	(3.142*1*1)/4						-3.14		
Ramp	-1	4.00	0.45	0.45	0.45			-1.80		
	-1	7.00	0.40	0.40	0.40			-2.80		
	-1	12.00	0.40	0.40	0.40			-4.80		
Chamber	-1	0.60	0.45	0.45	0.45			-0.27		
							Present Qty=	**Sqm**	**8447.83**	
							Limited to	**Sqm**	**8200.00**	**12.72**	**104304.00**

Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4 % VG-30 Bitumen

For Asphalt Road									
Air Force Compound Road From Pipeline road									
	1	3.00	7.80	5.70	6.75	0.04		0.81	
	1	30.00	5.70	6.20	5.95	0.04		7.14	
	1	30.00	6.20	6.00	6.10	0.04		7.32	
	1	30.00	6.00	5.90	5.95	0.04		7.14	
	1	30.00	5.90	5.10	5.50	0.04		6.60	
	1	30.00	5.10	5.60	5.35	0.04		6.42	
	1	30.00	5.60	5.70	5.65	0.04		6.78	
	1	30.00	5.70	5.10	5.40	0.04		6.48	
	1	30.00	5.10	4.60	4.85	0.04		5.82	
	1	30.00	4.60	5.00	4.80	0.04		5.76	
	1	30.00	5.00	4.00	4.50	0.04		5.40	
	1	30.00	4.00	4.60	4.30	0.04		5.16	

E.E. (D.D.)

Description of Item	No	Length	B1	B2	Avg B	D	Unit	Qty	Rate in Rs	Amount
	1	30.00	4.60	4.10	4.35	0.04		5.22		
	1	30.00	4.10	3.55	3.83	0.04		4.59		
	1	30.00	3.55	4.70	4.13	0.04		4.95		
	1	30.00	4.70	4.00	4.35	0.04		5.22		
	1	30.00	4.00	3.70	3.85	0.04		4.62		
	1	30.00	3.70	4.10	3.90	0.04		4.68		
	1	23.30	4.10	4.20	4.15	0.04		3.87		
4th Cross Ravindra Nagara from Airforce Road										
	1	30.00	5.50	5.40	5.45	0.04		6.54		
	1	29.30	5.40	6.70	6.05	0.04		7.09		
2nd Main Road From 4th cross,Ravindra Nagara										
	1	30.00	5.70	6.30	6.00	0.04		7.20		
	1	30.00	6.30	6.40	6.35	0.04		7.62		
	1	30.00	6.40	6.70	6.55	0.035		6.88		
	1	30.00	6.70	6.10	6.40	0.04		7.68		
	1	30.00	6.10	6.00	6.05	0.04		7.26		
	1	14.70	6.00	4.90	5.45	0.035		2.80		
7th cross, Ravindra Nagara										
	1	4.30	4.20	4.30	4.25	0.04		0.73		
	1	18.00	5.05	5.05	5.05	0.04		3.64		
	1	30.00	5.05	5.30	5.18	0.04		6.21		
	1	23.00	5.30	6.40	5.85	0.04		5.38		
	1	30.00	4.70	5.10	4.90	0.04		5.88		
	1	28.30	5.10	5.50	5.30	0.04		6.00		
5th Cross From 7th cross										
RHS Road										
	1	30.00	3.10	3.35	3.23	0.04		3.87		
	1	30.00	3.35	4.20	3.78	0.04		4.53		
	1	3.80	4.20	4.20	4.20	0.04		0.64		
LHS Road										
	1	30.00	3.40	3.40	3.40	0.035		3.57		
	1	30.00	4.20	3.40	3.80	0.035		3.99		
	1	30.00	3.40	3.05	3.23	0.035		3.39		
	1	3.70	3.05	2.40	2.73	0.035		0.35		
8th cross, Ravindra Nagara										
	1	30.00	6.00	6.00	6.00	0.035		6.30		
	1	5.00	6.00	6.00	6.00	0.035		1.05		
	1	15.00	6.00	6.00	6.00	0.035		3.15		
th Main BHEL Mini Colony From Shooting Banglow road										
	1	30.00	5.70	5.10	5.40	0.04		6.48		
	1	30.00	5.10	6.50	5.80	0.04		6.96		
	1	30.00	6.50	6.60	6.55	0.04		7.86		
	1	30.00	6.60	5.20	5.90	0.04		7.08		
	1	4.90	6.00	6.00	6.00	0.04		1.18		
	1	26.30	5.60	6.80	6.20	0.04		6.52		
BHEL Mini Colony Main Road From 5th Main road										
	1	30.00	7.20	7.40	7.30	0.04		8.76		
	1	30.00	7.40	6.30	6.85	0.04		8.22		
	1	30.00	6.30	7.10	6.70	0.04		8.04		
	1	30.00	7.10	6.10	6.60	0.04		7.92		
	1	2.20	6.10	6.00	6.05	0.04		0.53		
18th Cross (Old 3rd B Cross Road HEL Mini Colony) from pipeline road										
	1	3.00	6.30	6.30	6.30	0.035		0.66		
	1	13.60	4.70	4.90	4.80	0.035		2.28		
	1	30.00	4.20	5.20	4.70	0.035		4.94		
	1	27.00	5.20	5.90	5.55	0.035		5.24		
th Cross,BHEL Mini Colony from peline road										
	1	2.00	5.70	5.10	5.40	0.035		0.38		
	1	30.00	5.10	4.70	4.90	0.035		5.15		
	1	26.00	4.70	4.20	4.45	0.035		4.05		

E.E. (D.D.)
E.E. (D.D.)
E.E. (D.D.)
E.E. (D.D.)

Item No	Description of Item	No	Length	B1	B2	Avg B	D	Unit	Qty	Rate in Rs	Amount
	20th Cross,BHEL Mini Colony from pipeline road										
		1	2.00	5.20	4.20	4.70	0.04		0.38		
		1	30.00	4.20	3.00	3.60	0.04		4.32		
		1	30.00	3.00	3.50	3.25	0.04		3.41		
		1	30.00	3.50	3.80	3.65	0.04		4.38		
		1	30.00	3.80	3.80	3.80	0.035		3.99		
		1	23.00	3.80	4.20	4.00	0.035		3.22		
		1	30.00	3.50	3.60	3.55	0.035		3.73		
		1	6.00	3.60	3.60	3.60	0.035		0.76		
	Deduction										
	Air Force Compound Road From Pipeline road										
	Man Hole	-22	(3.142*1*1)/4				0.04		-0.69		
	4th Cross Ravindra Nagara										
	Deduct For Ramp's	-4	6.00	0.45	0.45	0.45	0.04		-0.43		
	Deduct For Chamber	-1	0.90	0.60	0.60	0.60	0.04		-0.02		
	Deduct For Manhole's	-5	(3.142*1*1)/4				0.04		-0.16		
	5th Cross Ravindra Nagara										
	Deduct For Ramp's	-1	3.00	0.45	0.45	0.45	0.04		-0.05		
		-1	2.00	0.60	0.60	0.60	0.04		-0.05		
		-1	1.50	0.45	0.45	0.45	0.04		-0.03		
		-1	4.00	0.45	0.45	0.45	0.04		-0.07		
		-1	2.50	0.30	0.30	0.30	0.04		-0.03		
		-1	7.00	0.30	0.30	0.30	0.04		-0.08		
		-1	5.00	0.30	0.30	0.30	0.04		-0.06		
		-1	2.00	0.30	0.30	0.30	0.04		-0.02		
	Deduct For Manhole's	-3	(3.142*1*1)/4				0.04		-0.09		
	BHEL Mini Colony Main Road										
	Deduct For Ramp's	-1	3.00	0.30	0.30	0.30	0.04		-0.04		
		-1	2.00	0.60	0.60	0.60	0.04		-0.05		
		-1	3.00	0.45	0.45	0.45	0.04		-0.05		
		-1	10.00	1.00	1.00	1.00	0.04		-0.40		
		-1	5.00	0.60	0.60	0.60	0.04		-0.12		
		-1	2.00	0.45	0.45	0.45	0.04		-0.04		
		-1	5.00	0.30	0.30	0.30	0.04		-0.06		
		-1	9.00	0.50	0.50	0.50	0.04		-0.18		
		-1	10.00	0.45	0.45	0.45	0.04		-0.18		
		-1	3.00	0.45	0.45	0.45	0.04		-0.05		
		-1	2.00	0.45	0.45	0.45	0.04		-0.04		
	Man Hole	-5	(3.142*1*1)/4				0.04		-0.16		
	Deduct For Chamber	-2	0.90	0.60	0.60	0.60	0.04		-0.04		
	18th Cross (Old 3rd B Cross Road BHEL Mini Colony)										
		-1	6.00	0.45	0.45	0.45	0.04		-0.11		
		-1	3.00	0.30	0.30	0.30	0.04		-0.04		
		-1	5.00	0.30	0.30	0.30	0.04		-0.06		
		-1	4.00	0.60	0.60	0.60	0.04		-0.10		
		-1	2.50	0.30	0.30	0.30	0.04		-0.03		
	17th Cross,BHEL Mini Colony										
	Man Hole	-1	(3.142*1*1)/4				0.04		-0.03		
	Tree's Area	-1	0.90	0.50	0.50	0.50	0.04		-0.02		
		-1	0.70	0.60	0.60	0.60	0.04		-0.02		
		-1	1.30	0.50	0.50	0.50	0.04		-0.05		
	Chamber	-1	0.45	0.45	0.45	0.45	0.04		-0.01		
	20th Cross,BHEL Mini Colony										
	Man Hole	-4	(3.142*1*1)/4				0.04		-0.13		
	Ramp	-1	4.00	0.45	0.45	0.45	0.04		-0.07		
		-1	7.00	0.40	0.40	0.40	0.04		-0.11		
		-1	12.00	0.40	0.40	0.40	0.04		-0.19		
	Chamber	-1	0.60	0.45	0.45	0.45	0.04		-0.01		
							Present Qty=	**Cum**	**328.00**	**8618.86**	**2826986.08**

E.E. (D.D.)